

Element Performance Inspection (EPI)

5.1.7 Special Navigation Areas of Operation (OP)

Purpose of this Element (Air Carrier's responsibility):

To ensure all operations within Special Navigation Areas are conducted in accordance with the Air Carrier's approved procedures.

Objective (FAA responsibility):

To determine if all operations within Special Navigation Areas are conducted in accordance with the Air Carrier's approved procedures.

Specific Instructions for this EPI:

To accomplish this EPI, the inspector should become familiar with the Air Carrier's Special Navigation Areas of Operation procedures, and appropriate portions of the Flight Crew Training Program.

Task 4: Appropriate personnel should include those with operational responsibility. (e.g. pilots, instructors, evaluators, dispatchers, etc.)

Task 5: Functions may include training, dispatch, flight operations, flight following, etc.

Task 6: Appropriate records may include trip records (including plotting charts), training records, dispatch records, flight releases, communications logs, etc.

Related EPIs:

- 3.1.13 Other Personnel with Operational Control (OP)
- 4.2.3 Training of Flight Crewmembers (OP)
- 4.3.3 Advanced Qualification Program (AQP) (OP)

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To meet this objective, the inspector will accomplish the following tasks (at the inspection locations where applicable):

1. Review the FAA Guidance and Specific Regulatory Requirements (SRR) included in the supplemental information section of this EPI.
2. Review the associated SAI, with emphasis on the Controls section.
3. Review policies and procedures related to operations within Special Navigation Areas.
4. Discuss Special Navigation Areas of Operation procedures with appropriate personnel
5. Observe any functions being conducted in support of Special Navigation Areas of Operation.
6. Review and evaluate appropriate records.

To meet this objective, the inspector will answer the following questions:

1. Were the following performance measures met:

<i>1.1 Are only qualified crews assigned to operate within Special Navigation Areas of Operation?</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.2 Are only qualified dispatchers assigned duties for Special Navigation Areas of Operations?</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	If no, or N/A explain:
<i>1.3 Are only qualified flight followers assigned duties for Special Navigation Areas of Operations?</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> N/A	If no, or N/A explain:
<i>1.4 Are only those aircraft meeting the Special Navigation Areas of Operations requirements assigned to these operations? [SRR 91.703(a)(4) and 91.705(a)]</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.5 Are all required flightcrew actions accomplished prior to and after entering Special Navigation Areas of Operations?</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.6 Do aircraft continue to meet Special Navigation Areas of Operation navigation tolerances while within these areas?</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:
<i>1.7 Is the controlling/advisory agency notified when an aircraft is no longer able to comply with Special Navigation Areas of Operation requirements? [SRR 91.187 (a), 121.627(b)]</i>	<input type="checkbox"/> YES <input type="checkbox"/> NO	If no, explain:

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<p>1.8 <i>Are instances in which an airplane was no longer able to comply with Special Navigation Areas of Operation requirements recorded?</i></p>	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
<p>2. Were the written procedures adhered to for the Special Navigation Areas of Operation?</p>	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO
<p>3. Were the identified controls adhered to for the Special Navigation Areas of Operation?</p>	<input type="checkbox"/> YES If no, explain: <input type="checkbox"/> NO

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SUPPLEMENTAL INFORMATION

SRRs:

- 14 CFR 91.187 (a), “Operation under IFR in controlled airspace: Malfunction reports.”
- 14 CFR 91.703 (a), “Operations of Civil Aircraft of U.S. Registry Outside of the United States.”
- 14 CFR 91.705 (a), “Operations within Air Space Designated as Minimum Navigation Performance Specification Airspace (MNPS).”
- 14 CFR 121.355 (a), “Equipment for Operations on Which Specialized Means of Navigation are Used.”
- 14 CFR 121.627 (b), “Continuing Flight in Unsafe Conditions.”

Other CFRs and FAA Guidance:

- 14 CFR 121.135 (a), (Manual) “Contents.”
- 14 CFR Part 121, App. G, “Doppler Radar and Inertial Navigation System (INS): Request for Evaluation; Equipment and Equipment Installation; Training Program: Equipment Accuracy and Reliability; Evaluation Program.”
- FAA Order 8300.10, Vol. 2, Chap. 76, Sect. 1, Par. 15, “Conduct FAR Part 121/135 Proving/Validation Tests.”
- FAA Order 8400.10, Vol. 3, Chap. 1, Sect. 4, “En-route Authorizations and Limitations.”
- FAA Order 8400.10, Vol. 4, Chap. 1, Sect. 5, “Special Navigation Areas of Operation.”
- FAA Order 8400.10, Vol. 6, Chap. 2, Sect. 9, Par. 279, “Crew and Dispatcher Records Inspections.”
- FAA Order 8400.12A, “Required Navigation Performance 10 (RNP10) Operations Approval.”
- HBAAT 00-01, “Reduced Vertical Separation Minimum (RVSM) and Required Navigation Performance in Central East Pacific and NOPAC Airspace.”
- HBAAT 00-03, “NAT/MNPS Minimum Navigation Performance Specifications and RVSM Airspace Flight Level Changes to the Operations Specifications.”
- HBAAT 00-10A, “Restricted (Sensitive) International Areas Process Change.”
- HBAAT 99-06, “Procedures for Authorizing Class II Navigation Operations Using a Single Long-Range Navigation System (S-LRNS).”
- HBAAT 98-16A and HBAW 98-07A, “Approval of Aircraft and Operations for Flight in Airspace Where Required Navigation Performance 10 (RNP-10) is Applied.”
- HBAW 95-10, “Guidelines for Operational Approval of Global Positioning System (GPS) to Provide the Primary Means of Class II in Oceanic and Remote Areas of Operation.”
- Federal Register, 37 FR 6464, Mar. 30, 1972, “Doppler Radar and Inertial Navigation Systems.”
- North Atlantic MNPS Airspace Operations Manual – Seventh Edition.
- Refer to Advisory Circulars using a search engine (such as ATP Navigator or Summit).